

MESH BROWSER

The MEDLINE database is organized using a powerful indexing language, called MeSH for Medical Subject Headings. The MeSH Browser feature gives you the option to identify appropriate MeSH terms to improve your searches.

Click on the **MeSH Browser** link on the blue sidebar to access the browser and then browse for a particular term or concept. *Hint:* Click on the **Detailed display** mode to view the terms' subheadings, to further refine the exact aspect of the MeSH term you are interested in. Then add it to your shopping basket of terms, by clicking on the **Add** button. When finished, click on the **Return to PubMed** button to run your search.

CLINICAL QUERIES

To search PubMed in the Clinical Queries mode, click on the link **Clinical Queries** that appears on the sidebar. Searching in this mode uses stored search strategies to locate articles that focus on therapy, diagnosis, etiology, or prognosis of various diseases. You must also indicate whether you wish your search to be sensitive (retrieve major relevant and some peripheral articles) or specific (retrieve major relevant articles). This feature is useful for answering Evidence Based Medicine (EBM) questions.

Indicate the category and emphasis below:

Category: ☒ therapy ☐ diagnosis ☐ etiology ☐ prognosis

Emphasis: ☐ sensitivity ☒ specificity

Enter subject search (do not repeat any of the words above):

PRINTING

Printing is a function of your Web browser, not PubMed. Click on the **Text** button to convert your search results to a plain text format (no graphics), before selecting your Web browser's **Print** button.

VERIFYING A CITATION

If you wish to look for a specific article, journal issue's content, or an entire journal's content, use the Citation Matcher. To locate this feature, click on **Single Citation Matcher** on the sidebar. A form screen will appear for you to enter your information. (You do not need to fill out the whole form.)

Enter information about the article you wish to find.

Journal:
Date:
Volume: Issue: First page:
Author's last name and initials (e.g., Smith BJ)

DETAILS BUTTON AND URL FUNCTION

Click on the **Details** button if you wish to see exactly how PubMed ran the search you entered. On the details screen is a **URL** button that converts your search to a URL or Internet address, which you can then bookmark with your Web browser. This allows you to rerun your search at a later date.

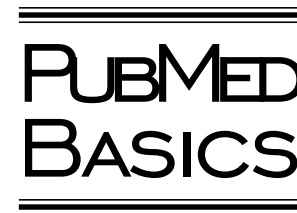
SAVING

Saving is possible to diskette or the computer's hard drive. Click on the **Save** button that is found on the results page. You can save up to 5,000 records at one time, or only those you have selected or grouped on the clipboard.

This brochure was originally created by the National Library of Medicine—Reference Section. It was modified by Daniel Dollar, Education Coordinator, NN/LM—New England Region. The brochure is available for free reproduction at <http://www.nnlm.nlm.nih.gov/ner/education/> as a PDF file.

University of Connecticut Health Center serves as the Regional Medical Library for New England as part of the National Network of Libraries of Medicine.

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PubMed is available free on the Internet at:
<http://www.ncbi.nlm.nih.gov/PubMed/>

PUBMED PROVIDES

- Free access to MEDLINE.
- Limit, history, preview/index and clipboard features available.
- Sets of related articles precomputed for each article cited in MEDLINE.
- MeSH Browser for access to MEDLINE's controlled vocabulary for indexing articles.
- Clinical Queries form with built-in search filters for therapy, diagnosis, etiology and prognosis.
- Links to molecular biology databases for DNA and protein sequences, and 3-D structure data.
- Link to Clinical Alerts for findings on NIH-funded clinical trials that significantly affect morbidity and mortality.
- Links to Internet Grateful Med and Consumer Health Information (MEDLINEplus).

ASSISTANCE AND TRAINING

Click on the **Help** button located at the top of the blue side bar for context-specific help instructions.

You may call **1-800-338-7657** toll free for assistance, or e-mail your questions and comments by clicking on the **Write to the Help Desk** link (pubmednew@ncbi.nlm.nih.gov) located at the bottom of the PubMed search screen.

PubMed	Nucleotide	Protein	Genome	Structure	PopSet
Search PubMed for <input type="text"/> Go Clear					
<input type="checkbox"/> Limits Preview/Index History Clipboard					

To search PubMed, enter the word or phrase you wish to search by typing into the text box directly below the black tool bar, then click on the **Go** button or press the **Enter** key.

Below the search box is a features bar with access to Limits, Preview/Index, History and Clipboard. The PubMed search interface, along with a blue sidebar with additional PubMed features and services is available on every search screen.

Limiting a search - Limits allow you to search specific fields using pull-down menus for Publication Type, Language, Subsets, Ages, Human or Animal, Gender, Entrez Date (the date when the item was added to the database), and Publication Date.

To use limits, click on the word **Limits** below the text box, and make your selections. Once you have entered your search and chosen limits for it, then click on the **Go** button to run the search. You can also click on the word **Limits** at any point in your search to apply, drop or change your limits. A checkmark in the box beside the word **Limits** indicates that limits are active for your search.

Preview/Index - The **Index** feature allows you to pick a search field and select index terms. You can use **Preview** in conjunction with the index to construct and combine search statements before viewing the search results. Clicking on **Help** from the Preview/Index page will lead to additional information about this feature.

History - The history function keeps track of your searches and numbers them, allowing you to go back to earlier searches and combine or modify them.

Author searching - Author names should be entered in the form *Smith JB*, but initials are optional. Author names are automatically truncated to account for varying initials.

PUBMED SEARCH RESULTS

After you press the **Go** button, PubMed displays a list of results in a summary format.

Display	Summary	Save	Text	Order	Details	Add to Clipboard
Show: 20	Items 1-20 of 188	Page 1 of 10	Select page: 1 2 3 4 5 6 7 8 9 10			
<input type="checkbox"/> 1: Hemila H, Douglas RM. Related Articles Vitamin C and acute respiratory infections. Int J Tuberc Lung Dis. 1999 Sep;3(9):756-61. Review. PMID: 10488881; UI: 99416984						

To view a full display of your retrieved results, select items of interest using the check box beside each numbered citation. Then using the pull down menu beside the Display button, pick either **Abstract** or **Citation** format, before clicking on **Display**.

Clipboard - The clipboard allows you to group selected citations from one or more searches for printing, saving, or ordering.

Click on the check box beside each numbered citation and then click on the **Add to Clipboard** button. To see the selected citations, click on the **Clipboard** button on the features bar.

An **Order** button on the Clipboard display page leads to the Loansome Doc ordering system. See the *Ordering Journal Articles* section for more information on Loansome Doc.

One way to obtain the full text of articles is by using the **Loansome Doc** order feature built into PubMed. Loansome Doc allows users to order full text copies of articles from a local medical library (*local fees and delivery methods may vary*).

Users **must** register to use this service. To register, first call your Regional Medical Library at **1-800-338-7657** for a referral to a Loansome Doc participating library. Click on the **Order Documents** link on the blue sidebar under Related Resources for more information and to complete the registration process.

Order buttons leading to the Loansome Doc system can be found on the **Clipboard** and search result display pages.

EXTERNAL LINKING TO THE PUBLISHER

A small number of PubMed citations have links to publishers' Web sites, where the complete text of the articles is available. *Most sites do not provide free access to full journal articles.*

A quick way to identify which records have these external links is by displaying all or only selected citations in the **LinkOut** format. Use the pull-down menu beside **Display** to select **LinkOut** and then click on **Display**.

RELATED ARTICLES

A helpful PubMed feature is the ability to find documents that are similar to a document you find of interest. These are called related articles. To retrieve related articles for a given record, click on the phrase **Related Articles**, which appears at the right of each citation.